

June 26, 2020

## Report to:

Lynda Lombardi  
Wood - E&I Solutions, Inc.  
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Suite 190  
Rancho Cordova, CA 95670

## Bill to:

Ashley Shively  
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## Project ID:

ACZ Project ID: L57216

Lynda Lombardi:

Enclosed are revised analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on February 03, 2020 and originally reported on March 03, 2020. Refer to the case narrative for an explanation of the changes. This project was assigned to ACZ's project number, L57216. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L57216. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after April 02, 2020. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than \$10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years.

If you have any questions or other needs, please contact your Project Manager.



Sue Webber has reviewed and  
approved this report.



Wood - EI Solutions, Inc.

June 26, 2020

Project ID:

ACZ Project ID: L57216

**Sample Receipt**

ACZ Laboratories, Inc. (ACZ) received 11 miscellaneous samples from Wood - E&I Solutions, Inc. on February 3, 2020. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L57216. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

**Holding Times**

All analyses were performed within EPA recommended holding times.

**Sample Analysis**

These samples were analyzed for inorganic parameters. The individual methods are referenced on both, the ACZ invoice and the analytical reports.

This report was revised on 06/26/2020 to report corrected sulfur forms data and to add additional calculations per Nevada regulations. No other changes were made.

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB227-FD\_0.5-3

ACZ Sample ID: **L57216-01**

Date Sampled: 01/24/20 08:42

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4		1.56	B		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		8			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		5.12			t CaCO3/Kt			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	7		*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	5.7		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		6.44			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	0.8		*	%	0.1	0.5	02/19/20 9:52	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0.04			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	0.02	B	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	0.02	B	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	0.02	B	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	0.05	B	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 17:50	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 18:36	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB227\_6-15

ACZ Sample ID: **L57216-02**

Date Sampled: 01/24/20 08:50

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4		0.94	B		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		11			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		11.7			t CaCO3/Kt			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	7.0		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		10.1			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	1.1		*	%	0.1	0.5	02/19/20 10:06	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0.02			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	0.02	B	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 17:54	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 18:50	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB233\_0.5-3

ACZ Sample ID: **L57216-03**

Date Sampled: 01/24/20 09:35

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4		3.75			t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		5			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		1.33			t CaCO3/Kt			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	18		*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	5.3		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		1.25			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	0.5		*	%	0.1	0.5	02/19/20 10:20	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0.04			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	0.04	B	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	0.11		*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	0.07	B	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	0.12		*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 17:58	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 19:04	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB233\_6-15

ACZ Sample ID: **L57216-04**

Date Sampled: 01/24/20 09:42

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4		2.81	B		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		18			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		6.4			t CaCO3/Kt			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	4		*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	6.7		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		15.2			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	1.8		*	%	0.1	0.5	02/19/20 10:34	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0.02			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	0.08	B	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	0.07	B	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	0.09	B	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:02	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 19:18	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB237\_0.5-3

ACZ Sample ID: **L57216-05**

Date Sampled: 01/24/20 10:17

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4			U		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		21			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		> 67.74			-			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	7.9		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		21			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	2.1		*	%	0.1	0.5	02/19/20 10:48	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:06	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 19:32	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB237\_6-15

ACZ Sample ID: **L57216-06**

Date Sampled: 01/24/20 10:28

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4			U		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		28			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		> 90.32			-			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	8.7		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		28			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	2.8		*	%	0.1	0.5	02/19/20 11:01	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:10	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 19:45	jms



**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB238\_0.5-3

ACZ Sample ID: **L57216-07**

Date Sampled: 01/27/20 12:58

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4		1.25	B		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		20			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		16			t CaCO3/Kt			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	7.0		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		18.8			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	2.0		*	%	0.1	0.5	02/19/20 11:15	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0.01			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	0.04	B	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:14	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 19:59	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB238\_6-15

ACZ Sample ID: **L57216-08**

Date Sampled: 01/27/20 13:23

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4		1.25	B		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		20			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		16			t CaCO3/Kt			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	7.5		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		18.8			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	2.0		*	%	0.1	0.5	02/19/20 11:29	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0.01			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	0.04	B	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:18	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 20:13	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB238-FD\_6-15

ACZ Sample ID: **L57216-09**

Date Sampled: 01/27/20 13:29

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4		0.94	B		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		21			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		22.4			t CaCO3/Kt			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	8.0		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		20.1			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	2.1		*	%	0.1	0.5	02/19/20 11:57	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0.01			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	0.01	B	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	0.02	B	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	0.02	B	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	0.03	B	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:22	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 20:27	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB239\_0.5-3

ACZ Sample ID: **L57216-10**

Date Sampled: 01/27/20 14:44

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4			U		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		31			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		> 100			-			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	8.1		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		31			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	3.1		*	%	0.1	0.5	02/19/20 12:10	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:26	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 20:41	jms

**Wood - E&I Solutions, Inc.**

Project ID:

Sample ID: WRSB239\_6-15

ACZ Sample ID: **L57216-11**

Date Sampled: 01/27/20 14:52

Date Received: 02/03/20

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc on Sulfur total)	M600/2-78-054 3.2.4			U		t CaCO3/Kt	0.31	3.1	06/26/20 0:00	calc
Acid Neutralization Potential (calc)	M600/2-78-054 3.2.3 NV Modified Sobek Procedure		18			t CaCO3/Kt	1	5	06/26/20 0:00	calc
ANP to AGP Ratio (calc)	M600/2-78-054 NV Modified Sobek Procedure		> 58.06			-			06/26/20 0:00	calc
Net Acid Generation Procedure	Sequential NAG - EGI 2002									
NAG		1	<1	U	*	Kg H2SO4/t	1	1	02/14/20 0:00	jms
pH After Oxidation		1	7.5		*	units	0.1	0.1	02/14/20 0:00	jms
Net Neutralization Potential - NV Mod	M600/2-78-054 NV Modified Sobek Procedure		18			t CaCO3/Kt			06/26/20 0:00	calc
Neutralization Potential as CaCO3	M600/2-78-054 NV Modified Sobek Procedure	1	1.8		*	%	0.1	0.5	02/19/20 12:24	nnk
Potential Acid Generating Sulfur	M600/2-78-054 NV Modified Sobek Procedure		0			%	0.01	0.1	06/26/20 0:00	calc
Sulfur Forms	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc									
H2O-Soluble Sulfate		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HCl Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
HNO3 Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Hot Water Rinse Residue		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-Extractable Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Non-H2O Sulfate Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Pyritic Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr
Total Sulfur		1	<0.01	U	*	%	0.01	0.1	03/03/20 0:00	llr

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972				*				02/10/20 18:30	jms
Crush and Pulverize (Ring & Puck)	EPA-600/2-78-054 3.1.3				*				02/12/20 20:55	jms



#### Report Header Explanations

<i>Batch</i>	A distinct set of samples analyzed at a specific time
<i>Found</i>	Value of the QC Type of interest
<i>Limit</i>	Upper limit for RPD, in %.
<i>Lower</i>	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
<i>MDL</i>	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
<i>PCN/SCN</i>	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
<i>PQL</i>	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
<i>QC</i>	True Value of the Control Sample or the amount added to the Spike
<i>Rec</i>	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
<i>RPD</i>	Relative Percent Difference, calculation used for Duplicate QC Types
<i>Upper</i>	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
<i>Sample</i>	Value of the Sample of interest

#### QC Sample Types

<i>AS</i>	Analytical Spike (Post Digestion)	<i>LCSWD</i>	Laboratory Control Sample - Water Duplicate
<i>ASD</i>	Analytical Spike (Post Digestion) Duplicate	<i>LFB</i>	Laboratory Fortified Blank
<i>CCB</i>	Continuing Calibration Blank	<i>LFM</i>	Laboratory Fortified Matrix
<i>CCV</i>	Continuing Calibration Verification standard	<i>LFMD</i>	Laboratory Fortified Matrix Duplicate
<i>DUP</i>	Sample Duplicate	<i>LRB</i>	Laboratory Reagent Blank
<i>ICB</i>	Initial Calibration Blank	<i>MS</i>	Matrix Spike
<i>ICV</i>	Initial Calibration Verification standard	<i>MSD</i>	Matrix Spike Duplicate
<i>ICSAB</i>	Inter-element Correction Standard - A plus B solutions	<i>PBS</i>	Prep Blank - Soil
<i>LCSS</i>	Laboratory Control Sample - Soil	<i>PBW</i>	Prep Blank - Water
<i>LCSSD</i>	Laboratory Control Sample - Soil Duplicate	<i>PQV</i>	Practical Quantitation Verification standard
<i>LCSW</i>	Laboratory Control Sample - Water	<i>SDL</i>	Serial Dilution

#### QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

#### ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

#### Method References

(1)	EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2)	EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3)	EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4)	EPA SW-846. Test Methods for Evaluating Solid Waste.
(5)	Standard Methods for the Examination of Water and Wastewater.

#### Comments

(1)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2)	Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3)	Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5)	If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

Wood - E&I Solutions, Inc.

ACZ Project ID: **L57216**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Net Acid Generation**

Sequential NAG - EGI 2002

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG491739</b>													
L57216-11DUP	DUP	02/14/20 17:44			U	U	g H <sub>2</sub> SO <sub>4</sub> /				0	20	RA

**Neutralization Potential as CaCO<sub>3</sub>**

M600/2-78-054 NV Modified Sobek Procedure

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG491916</b>													
WG491916PBS	PBS	02/19/20 9:25				U	%		-0.2	0.2			
WG491916LCSS	LCSS	02/19/20 9:39	PCN59475	99.9		110	%	110	80	120			
L57216-11MS	MS	02/19/20 12:38	SI190303-1	1	1.8	2.73	%	93	70	130			
L57216-11DUP	DUP	02/19/20 12:52			1.8	1.83	%				2	20	

**Sulfur Hcl Extractable**

M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG492540</b>													
L57216-11DUP	DUP	03/03/20 12:16			U	U	%				0	20	RA

**Sulfur Hno3 Extractable**

M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG492540</b>													
L57216-11DUP	DUP	03/03/20 12:16			U	U	%				0	20	RA

**Sulfur Hot H2o Extractable**

M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG492540</b>													
L57216-11DUP	DUP	03/03/20 12:16			U	U	%				0	20	RA

**Sulfur Hot H2o Residue**

M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG492540</b>													
L57216-11DUP	DUP	03/03/20 12:16			U	U	%				0	20	RA

**Sulfur Residual**

M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG492540</b>													
L57216-11DUP	DUP	03/03/20 12:16			U	U	%				0	20	RA

**Sulfur Total**

M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
<b>WG492540</b>													
L57216-11DUP	DUP	03/03/20 12:16			U	U	%				0	20	RA
L57216-11MS	MS	03/03/20 12:34	PCN60251	1.32	U	1.24	%	94	80	120			
WG492540LCSS	LCSS	03/03/20 12:52	PCN60246	4.01		3.41	%	85	80	120			
WG492540PBS	PBS	03/03/20 13:09				U	%		-0.03	0.03			

Wood - E&I Solutions, Inc.

ACZ Project ID: **L57216**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
<b>L57216-01</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
<b>L57216-02</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
<b>L57216-03</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).



Wood - E&amp;I Solutions, Inc.

ACZ Project ID: **L57216**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
<b>L57216-04</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
<b>L57216-05</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
<b>L57216-06</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).

Wood - E&I Solutions, Inc.

ACZ Project ID: **L57216**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
<b>L57216-07</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
<b>L57216-08</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
<b>L57216-09</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).

**Wood - E&I Solutions, Inc.**ACZ Project ID: **L57216**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
<b>L57216-10</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
<b>L57216-11</b>	WG492540	H2O-Soluble Sulfate	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Hot Water Rinse Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG491739	NAG	Sequential NAG - EGI 2002	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG492540	Non-Extractable Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Non-H2O Sulfate Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Pyritic Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Total Sulfur	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Proc	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).

**Wood - E&I Solutions, Inc.**ACZ Project ID: **L57216**

## Soil Analysis

**The following parameters are not offered for certification or are not covered by AZ certificate #AZ0102.**

NAG	Sequential NAG - EGI 2002
Neutralization Potential as CaCO <sub>3</sub>	M600/2-78-054 NV Modified Sobek Procedure
pH After Oxidation	Sequential NAG - EGI 2002
Sulfur HCl Extractable	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur HCl Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur HNO <sub>3</sub> Extractable	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur HNO <sub>3</sub> Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Hot H <sub>2</sub> O Extractable	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Hot H <sub>2</sub> O Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Residual	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Total	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure

**The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.**

NAG	Sequential NAG - EGI 2002
Neutralization Potential as CaCO <sub>3</sub>	M600/2-78-054 NV Modified Sobek Procedure
pH After Oxidation	Sequential NAG - EGI 2002
Sulfur HCl Extractable	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur HCl Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur HNO <sub>3</sub> Extractable	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur HNO <sub>3</sub> Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Hot H <sub>2</sub> O Extractable	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Hot H <sub>2</sub> O Residue	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Residual	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure
Sulfur Total	M600/2-78-054 3.2.4 & 3.2.6 NV Modified Sobek Procedure

Wood - E&I Solutions, Inc.

ACZ Project ID: L57216

Date Received: 02/03/2020 17:09

Received By:

Date Printed: 2/4/2020

**Receipt Verification**

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2) Is the Chain of Custody form or other directive shipping papers present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Does this project require special handling procedures such as CLP protocol?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4) Are any samples NRC licensable material?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5) If samples are received past hold time, proceed with requested short hold time analyses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Is the Chain of Custody form complete and accurate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Samples/Containers**

	YES	NO	NA
8) Are all containers intact and with no leaks?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Are all labels on containers and are they intact and legible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) For preserved bottle types, was the pH checked and within limits? <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12) Is there sufficient sample volume to perform all requested work?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13) Is the custody seal intact on all containers?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14) Are samples that require zero headspace acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15) Are all sample containers appropriate for analytical requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16) Is there an Hg-1631 trip blank present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17) Is there a VOA trip blank present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18) Were all samples received within hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NA indicates Not Applicable

**Chain of Custody Related Remarks**

**Client Contact Remarks**

**Shipping Containers**

Cooler Id	Temp (°C)	Temp Criteria (°C)	Rad (µR/Hr)	Custody Seal Intact?
NA32298	16.2	NA	20	Yes
NA32292	19.7	NA	21	Yes
NA32288	20.3	NA	20	Yes
NA32293	19.9	NA	20	Yes
NA32286	21.2	NA	23	Yes
NA32287	20.6	NA	20	Yes
NA32296	9.7	NA	20	Yes

Was ice present in the shipment container(s)?

No - Wet or gel ice was not present in the shipment container(s).

Wood - E&I Solutions, Inc.

ACZ Project ID: L57216

Date Received: 02/03/2020 17:09

Received By:

Date Printed: 2/4/2020

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

<sup>1</sup> The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).



**gement Program LaMP Chain of Custody Record**

Page **3** of **4**  
Rush TAT: Yes ☐ No ☒

Req Due Date (mm/dd/yy):  
Lab Work Order Number:

NV\_YERINGTON  
Anaconda Copper Mine Site

BP/ARC Facility Name:

BP/ARC Facility Address: 1 Austin Circle  
City, State, ZIP Code: Yerington, Nevada  
Lead Regulatory Agency: NDEP Abandoned Mine Lands Program  
California Global ID No.:  
Entos Proposal No: Work Release No:  
Accounting Mode: Provision OOC-BU OOC-RM  
Stage: Activity:

Consultant/Contractor: Wood - E&I Solutions, Inc.  
Consultant/Contractor Project No: SA18170340.005.055B  
Address: 10940 White Rock Rd, Ste 190, Rancho Cordova, CA 95670  
Consultant/Contractor PM: Kent Parrish  
Phone: 916-636-3200 Email: Kent.Parrish@woodplc.com  
Email Report/EDD To: lynda.lombardi@woodplc.com  
Invoice To: BP/ARC Contractor ☒

Sample Description	Date	Time	Matrix						No. Containers / Preservative				Requested Analyses				Report Type & QC Level	
			Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	Acid Base Account/ Sulfur Forms	Net Acid Generation					Standard <input checked="" type="checkbox"/>	Full Data Package <input type="checkbox"/>
WRSB223-0.5-3	1/23/20	1335	X			1	1				X	X						
WRSB223-6-15	1/23/20	1346	X			1	1				X	X						
WRSB228-0.5-3	1/23/20	1428	X			1	1				X	X						
WRSB228-FD-0.5-3	1/23/20	1430	X			1	1				X	X						
WRSB228-6-15	1/23/20	1444	X			1	1				X	X						
WRSB227-0.5-3	1/24/20	0840	X			1	1				X	X						
WRSB227-FD-0.5-3	1/24/20	0842	X			1	1				X	X						
WRSB227-6-15	1/24/20	0850	X			1	1				X	X						
WRSB233-0.5-3	1/24/20	0935	X			1	1				X	X						
WRSB233-6-15	1/24/20	0942	X			1	1				X	X						

Relinquished By / Affiliation: *Michael Wood*  
Date: 1/28/20 Time: 1200  
Accepted By / Affiliation: *Michael Wood*  
Date: 1/28/20 Time: 1200  
Ship Date: 1/28/20  
Relinquished By / Affiliation: *Michael Wood*  
Date: 1/28/20 Time: 1600

Tripler's Name: *Rachael Klier*  
Tripler's Company: *Wood*  
Tripler's Method: *Fed Ex*  
Tripler's Tracking No: *See attached list*  
Additional Instructions: Use NV approved protocols

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No  
Temp Blank: Yes / No  
Cooler Temp on Receipt: °F/C  
Trip Blank: Yes / No  
MS/MSD Sample Submitted: Yes / No





<b>Date</b>	<b>By</b>	<b>Applies To</b>	<b>Instruction</b>
2/4/2020	zme	Production Acct:AMECCA Samp:L57216-11	Run QC